



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

**TEST RESULTS OF GRADATION FOR BM
(IS 2386:(Part 1) 1963 (RA2011))**

Lab ID : CP-RW-2017-08-24-01 Date: 26-08-17
Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address : T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Roads MEI Layout 11th, 13th, 14th, Main Road and Other Cross Roads in Bagalagunte in ward no.14.
Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference : BBMP/EE/DD/WO/028/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 24-08-17
Sample ID No : 2017-08-24-01-01
Type of Mix : BC-Plant (Bituminous Macadam)
Date of test : 24-08-17
Weight of Sample(gm) : 5000

IS Sieve Size(mm)	Weight Retained(gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specification Limits as per MORTH specification Table 500-7(grading -2)
26.5	0	0	0	100	100
19	162	162	3.2	96.8	90-100
13.2	510	672	13.4	86.6	56-88
4.75	2750	3422	68.4	31.6	16-36
2.36	910	4332	86.6	13.4	4-19
0.3	355	4687	93.7	6.3	2-10
0.075	230	4917	98.3	1.7	0-8
PAN	83	5000	100.0	0.0	0

Note:-

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid.

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Samples will be disposed after 30 days from the date of issue of test certificate

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[Signature]

R KARTHIK RECHAN

Authorized Signatory

Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Lab ID : CP-RW-2017-08-24-01 Date: 27-08-17
Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address : T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Roads MEI Layout 11th, 13th, 14th, Main Road and Other Cross Roads in Bagalagunte in ward no.14.
Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference : BBMP/EE/DD/WO/028/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 24-08-17
Sample ID No : 2017-08-24-01-01
Type of Mix : BM(Bitumnous Macadam)
Date of test : 24-08-17

Type of Binder : 60/70
% of Binder Used : 5.0%
Weight of Aggregate : 200.0 gm
Weight of Binder : 10.0 gm
Temperature of water bath : 40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-6
1	98.0	2.0	98.2	Minimum Retained Coating 95%
2	98.5	1.5		
3	98.0	2.0		

Note:

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Signature
R KARTHIK RECHAN
Authorized Signatory
Quality Manager
FOR CIVIL Pro.
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Date.....
BANGALORE
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****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

**TEST RESULTS OF GRADATION FOR BM
(IS 2386:(Part 1) 1963 (RA2011))**

Lab ID : CP-RW-2017-09-03-01 Date: 04-09-17
Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address : T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Roads MEI Layout 11th, 13th, 14th, Main Road and Other Cross Roads in Bagalagunte in ward no.14.
Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference : BBMP/EE/DD/WO/028/2017-18
Source of Sample : Sample supplied by Agency
Date of Receipt : 03-09-17
Sample ID No : 2017-09-03-01-01
Type of Mix : BM (Bituminous Macadam)
Date of test : 03-09-17

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	480	479
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	4.0	4.2
4	Average percentage	%	4.1	

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